



KANSAS CORPORATION COMMISSION 1051452
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33190
Name: Noble Energy, Inc.
Address 1: 1625 Broadway, Ste 2200
Address 2: _____
City: DENVER State: CO Zip: 80202 + _____
Contact Person: Cheryl Johnson
Phone: (303) 228-4437
CONTRACTOR: License # 33532
Name: Advanced Drilling Technologies LLC
Wellsite Geologist: none
Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
1/31/2011 2/2/2011 4/15/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-023-21278-00-00
Spot Description: _____
NE SW NE SW Sec. 33 Twp. 5 S. R. 39 East West
1725 Feet from North / South Line of Section
1830 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Cheyenne
Lease Name: Nipps Well #: 23-33
Field Name: unknown
Producing Formation: Niobrara
Elevation: Ground: 3592 Kelly Bushing: 3598
Total Depth: 1565 Plug Back Total Depth: 1475
Amount of Surface Pipe Set and Cemented at: 393 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Doanna Garrisor Date: 05/31/2011



1051452

Operator Name: Noble Energy, Inc. Lease Name: Nipps Well #: 23-33
 Sec. 33 Twp. 5 S. R. 39 East West County: Cheyenne

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Niobrara	1334	
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Triple Combo				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9.8750	7	17	388	50/50 POZ	163	3% CaCl 2% gel
Production	6.25	4.5	11.6	1565	50/50 POZ	101	12% gel 2% CaCl

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	Perf intervals 1332-1358	Frac'd w/100280# Daniel Sand	
	(26' 78 holes) .410 EH 120 Deg	16/30 & 12/20	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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BISON

Bison Oil Well Cementing Inc.
 1738 Wynkoop St.
 Suite 102
 Denver, CO 80202
 303-296-3010

Invoice

179

*pc
Bison*

Date	Invoice #
1/31/2011	9448

Bill To
Excell Services, Inc 36629 US HIGHWAY 385 Wray, CO 80758

Location	Well Name & No.	Terms	Rig
Sherman, KS	Nipps 29-33	Net 30	

Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1		1,400.00	1,400.00
MILEAGE	Mileage charge	174		3.00	522.00
	Subtotal of Services				1,922.00
Centralizer 7"	Centralizer 7"	1		77.50	77.50
B3-Lite Discount	50/50 Ppz (3%) Discount	163	Sack	16.00 -260.80	2,608.00 -260.80
	Subtotal of Materials				2,424.70

Please Remit Invoices To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29671
 Thornton, CO 80229

Subtotal	\$4,346.70
Sales Tax (7.55%)	\$328.18
Total	\$4,674.88
Balance Due	\$4,674.88

x 110%
 \$5,142.37

RECEIVED
 FEB 02 2011



BISON

Bison Oil Well Cementing Inc.
 1738 Wynkoop St.
 Suite 102
 Denver, CO 80202
 303-296-3010

179

Invoice

Date	Invoice #
2/1/2011	8449

Bill To
Excell Services, LLC 36629 US HIGHWAY 385 Wray, CO 80758

Location	Well Name & No.	Terms	Rig
Cheyenne, KS	Nipps 23-33	Net 30	

Item	Description	Qty	U/M	Rate	Amount
Pump-long string	PUMP charge-long string	1		2,000.00	2,000.00T
MILEAGE	Mileage charge	168		3.00	504.00T
	Subtotal of Services				2,504.00
Centrifizer 4.5	4 1/2 Centrifizer	1		42.00	42.00T
Float Shoe 4 1/2'	Float Shoe 4 1/2'	1		285.00	285.00T
LD Plug -4 1/2'	LD Plug & Baffle - 4 1/2'	1		253.00	253.00T
N-Gel-12	Lead 12lb	45	Sack	16.00	720.00T
BG-Lite Discount	Tail 13.8 lb/gal-50/50 Poz Discount	56	Sack	16.00 -89.60	896.00T -89.60

Please Remit Invoices To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29671
 Thornton, CO 80229

Subtotal	\$4,610.40
Sales Tax (8.3%)	\$382.66
Total	\$4,993.06
Balance Due	\$4,993.06

X 110%
 \$ 5,492.37

BISON OIL WELL CEMENT CO., INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwestoffice.net

INVOICE # 7440 179
 LOCATION Good land
 FOREMAN Randy Newton

TREATMENT REPORT

DATE <u>1-31-10</u>	WELL NAME <u>Nipps</u>	SECTION <u>23-33</u>	TWP <u>55</u>	RGE <u>39W</u>	COUNTY <u>Sherman</u>	FORMATION
CHARGE TO <u>Excell</u>			OWNER <u>Noble</u>			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR <u>Excell Rig 2</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>87 mi</u>			
TIME ARRIVED ON LOCATION <u>2:00 p.m.</u>			TIME LEFT LOCATION <u>3:30 p.m.</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8"</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>293</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>387</u>	<u>plug 347</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>17#</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>good</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
			<input type="checkbox"/> MISC PUMP		
			<input type="checkbox"/> OTHER	HYD. HHP = RATE X PRESSURE X 40.8	

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	ISIP	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB MIRA 5m circ 4666 water MHP 143 sk of B3-1.4c @ 15.2lb
per gal water req 4.78 gal/sk 18.5 m.x yield of 1.13 cu ft/sk TD of 1468
Water shut in rig down

Annular .2647 cap .0415
80% excess as per Mark Zion tool pusher

JOB SUMMARY			
DESCRIPTION OF JOB EVENTS			
<u>MIRA</u>	<u>5m</u>	<u>circ</u>	<u>MHP</u>
<u>Displace</u>	<u>2:00 pm</u>	<u>2:50 pm</u>	<u>2:55 pm</u>
<u>3:09 p.m.</u>	<u>3:12 10</u>	<u>100 PSI</u>	
<u>Shut in</u>	<u>rig down</u>		
<u>3:15 p.m.</u>	<u>3:25 p.m.</u>		<u>3:15 14 200 PSI</u>

4661's report

[Signature] [Signature] 1/31/10
 AUTHORIZATION TO PROCEED TITLE DATE

Customers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-298-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwestoffice.net

INVOICE # 8449 174
 LOCATION Voltaire Ks
 FOREMAN Justin Crinklaw

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-1-11	NIPPS 23-33	33	5.5	39W	Cheyenne	

CHARGE TO <u>Excell</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR
STATE ZIP CODE	DISTANCE TO LOCATION <u>84</u>
TIME ARRIVED ON LOCATION <u>4:30 pm</u>	TIME LEFT LOCATION <u>11:15 pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
<u>6 1/4</u>					
TOTAL DEPTH <u>1565</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1521</u>	<u>PB 1475</u>	TREATMENT VIA <u>catwalk</u>	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>11.6</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>good</u>			<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
			<input type="checkbox"/> MISC PUMP	HYD. HHP = RATE X PRESSURE X 40.8	
			<input type="checkbox"/> OTHER		

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	5 MIN SIP	psi
ANNULUS	psi	15 MIN SIP	psi
MAXIMUM	psi		
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB: MIRU Safety Circ @ MHP 15 sks of N-gel 12 1/2 yield of 2.64
Mix 17 bbls of H2O 1/2 H2O req 15.6 gal/sks @ 12.0 lbs 2 MHP 56 sks of BG-Lite 1/2 yield
of 1.35 Mix 13 bbls of H2O 1/2 H2O req 9.7 @ 13.8 lbs Droplug Displace 22.8 bbls of H2O
Set Plug
Annulus 1026 Capacity 0155 480% excess

JOB SUMMARY						
DESCRIPTION OF JOB EVENTS <u>MIRU Safety Circ @ MHP @ MHP Droplug Displace</u>						
<u>Set Plug</u>	<u>10:30 pm</u>	<u>9:15 pm</u>	<u>10:00 pm</u>	<u>10:10 pm</u>	<u>10:19 pm</u>	<u>10:27 pm</u>
<u>10:45</u>					<u>Displace</u>	
				<u>10:35 pm</u>	<u>10</u>	<u>280</u>
				<u>10:40 pm</u>	<u>20</u>	<u>460</u>
				<u>10:45 pm</u>	<u>32.8</u>	<u>1200</u>

8 bbls to pit

[Signature] Field Rep 2-1-11
 AUTHORIZATION TO PROCEED TITLE DATE

Customers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.



KE : 6 Ft 179

Casing: 7 inch

Well Name: Nipps 23-33 Location: Sec 33, 5S, 39W, Cheyenne Co.

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	Wt/ Grade	Description
	0.00	0.00			17	
1	44.48	44.48	-387.92	-343.44		Centralizer
2	42.05	86.53	-343.44	-301.39		
3	43.90	130.43	-301.39	-257.49		
4	41.76	172.19	-257.49	-215.73		
5	37.82	210.01	-215.73	-177.91		
6	39.15	249.16	-177.91	-138.76		
7	43.90	293.06	-138.76	-94.86		
8	44.43	337.49	-94.86	-50.43		
9	44.43	381.92	-50.43	-6.00		
10						
11						
12						
13					# Jts Ran 9	
14					Meas. 381.92	
15					Set @ 387.92	
16					Aprox.TD @ 393	
17						
18					Threads On 383.70	
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
TOTAL	381.92					



KB 6 Ft 79

Casing: 4.5 11.6 # J-55

Well Name: Nipps 23-33

Location: Sec 33, 5S, 39W, Cheyenne Co.

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	Wt/Grade	Description
	0.92	0.92	-1521.74	-1520.82		AFU SHOE
1	45.54	46.46	-1520.82	-1475.28	11:6#J-55	Centralizer & Latch
2	45.50	91.96	-1475.28	-1429.78		Centralizer
3	45.60	137.56	-1429.78	-1384.18		Centralizer
4	45.43	182.99	-1384.18	-1338.75		Centralizer
5	45.52	228.51	-1338.75	-1293.23		Centralizer
6	13.80	242.31	-1293.23	-1279.43		Centralizer
7	45.52	287.83	-1279.43	-1233.91		Centralizer
8	45.46	333.29	-1233.91	-1188.45		Centralizer
9	45.50	378.79	-1188.45	-1142.95		
10	45.50	424.29	-1142.95	-1097.45		
11	45.46	469.75	-1097.45	-1051.99		
12	45.45	515.20	-1051.99	-1006.54		
13	45.51	560.71	-1006.54	-961.03		
14	45.45	606.16	-961.03	-915.58		
15	45.42	651.58	-915.58	-870.16		
16	45.53	697.11	-870.16	-824.63		
17	45.50	742.61	-824.63	-779.13		
18	45.52	788.13	-779.13	-733.61		
19	44.47	832.60	-733.61	-689.14		
20	45.48	878.08	-689.14	-643.66		
21	45.53	923.61	-643.66	-598.13		
22	45.56	969.17	-598.13	-552.57		
23	45.51	1014.68	-552.57	-507.06		
24	44.50	1059.18	-507.06	-462.56		
25	45.52	1104.70	-462.56	-417.04		
26	45.84	1150.54	-417.04	-371.20		
27	45.88	1196.42	-371.20	-325.32		
28	45.68	1242.00	-325.32	-279.74		
29	45.51	1287.51	-279.74	-234.23		
30	45.45	1332.96	-234.23	-188.78		
31	45.86	1378.82	-188.78	-142.92		
32	45.50	1424.32	-142.92	-97.42		
33	45.88	1470.20	-97.42	-51.54		
34	45.54	1515.74	-51.54	-6.00		
35						
36						
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